REVISIONS TO CITY STANDARD NOTES

1. The Redevelopment Agency's project manager is to be notified by the City Engineer before any modifications or departures of the approved plans are made.

SPECIAL PROVISIONS:

1. SUPERINTENDENCE.
Contractor shall have an authorized representative at the site of the work at all times during construction in conformance with Section 5-1.06, "Superintendence", of the City Standard Specifications.

2. PROTECTION OF WORK.
The Contractor shall provide adequate protection of all work until final completion and acceptance. Contractor shall take particular precautions to protect all existing trees and shrubs to remain, existing buildings and structures, underground piping, sidewalk, other facilities, etc. All damaged or disturbed items shall be replaced at the expense of the Contractor prior to acceptance and to the satisfaction of the Engineer.

3. PROGRESS SCHEDULE.
A written progress schedule shall be required of the Contractor for this project. Additionally, as changes in the scheduling are necessitated by weather, etc., an updated schedule shall be delivered to the Engineer, every Friday.

4. OBSTRUCTIONS.
Attention is directed to Sections 8-1.10, "Utility and Non-Highway Facilities," and 15, "Existing Highway Facilities," of the City Standard Specifications and these special provisions.
The Contractor's attention is directed to the existence of certain underground facilities that may require special precautions be taken by the Contractor to protect the health, safety and welfare of workmen and of the public. Facilities requiring special precautions include, but are not limited to: conductors of petroleum products, oxygen, chlorine, and toxic or flammable gases; natural gas in pipelines greater than 150 mm (6 inches) in diameter or pipelines operating at pressures greater than 415 kPa (60 psi) gauge; fiber optics cable conduits or ducts; underground electric supply system conductors or cables, with potential to ground of more than 300 volts, either directly buried or in duct or conduit which do not have concentric grounded conductors or other effectively grounded metal shields or sheaths.
The forces of the appropriate utility companies shall accomplish all relocation's of apparent or discovered utility lines. The Contractor shall notify the Engineer and the appropriate regional notification center for operators of subsurface installations at least 2 working days, but not more than 14 calendar days, prior to performing any excavation or other work close to any underground pipeline, conduit, duct, wire or other structure. Regional notification centers include but are not limited to the following: Underground Service Alert-Northern California (USA) 1-800-227-2600. Existing utilities are shown on the plans for information only and their locations are approximate only. The Contractor shall assume full responsibility for the location of all existing utilities prior to the commencement of any construction activity (e.g., excavation, clearing grubbing, directional boring and trenching) which may damage any existing utility or newly installed structures and lines from damage by his forces during the construction period (from the Notice to Proceed until final acceptance).

Existing fences, vents, conduits, pipes, masonry walls, and ornamental plantings irrigation or drainage systems shall be protected at all times, except for plant materials designed for removal or trimming or hardscape requiring removal and replacement to achieve a proper conform in the opinion of the Engineer. If the Contractor damages existing nonpublic utility facilities such as fences or plants, the Contractor shall replace the damaged item in its kind, at his own expense, to the satisfaction of the Engineer.

CLEARING AND GRUBBING OF EXISTING OBSTRUCTIONS:
Clearing and Grubbing shall be in conformance with Section 16, "Clearing and Grubbing," of the City Standard Specifications and these Special Provisions.
The work shall consist of clearing and grubbing which includes the removal and disposal of signs, sign posts, tree roots, railings, and debris which may include large items such as sofas or mattresses and other obstructions as shown on the plans or required by the Engineer or the Standard Specifications.

5. REQUIRED INSPECTION POINTS.
During the course of construction, approval of Engineer shall be required on:
A. Traffic Control Plan prior to Demolition
B. Rough grading prior to Layout of surface features
C. Subgrade prior to Placement of rock and Full Depth AC (compacted to 95%)
In the event the Contractor continues operations without receiving the above approvals, the inspector may, at his discretion, require the Contractor to return all construction status to the previous approval point. There shall be no additional payment for any removal or reconstruction required under this section.

6. LAYOUT OF IMPROVEMENTS.
The Contractor shall provide the project survey and construction staking and all costs related thereto shall be included in the unit costs for each item requiring staking. Refer to Section 5-1.07, "Lines and Grades", of the City Standard Specifications for layout of street work of this construction project.

7. ARCHAEOLOGICAL REQUIREMENTS.
During the course of construction, should any archaeological or paleontological objects be found, all work shall be halted within a 100-foot radius of the find. The City shall be immediately notified of the finds and shall then ascertain the nature of the discovery. Section 7-1.27, "Archeological and Paleontological Rights", of the City Standard Specifications shall remain in effect in addition to the above.

8. WATERING.
The Contractor shall be in compliance with the Water Waste Prevention and Drought Condition Measures, Chapter 15.10 of the San Jose Municipal Code. Contractor will be responsible for securing and providing their needed water supply for construction.

9. MOBILIZATION.
Mobilization shall conform to Section 11 "Mobilization," of the City Standard Specifications and these Special Provisions.

10. SUBMITTALS AND SHOP DRAWINGS.
The purpose of this section is to define the submittals and shop drawings required for this project. Should one of these requirements be found elsewhere in the specifications or on the plans and not be listed herein below, it shall still be the Contractor's responsibility to provide submittals and shop drawings. Submittals use Required On:
A. Screen wall shop drawings.
B. Itemized worksheet for all bid items.
C. Traffic handling plans.
D. Pedestrian access plans.
E. Geotechnical certification of compaction.

Upon receipt of the "Notice to Proceed", the Contractor shall order all materials in order to insure that all materials will be available and to insure that all materials will arrive at the job site within the time limit for completion of the project. A copy of the invoices shall be submitted to the Engineer within 5 days of the Notice to Proceed.

14. REQUEST FOR INFORMATION.
Contractor shall submit any questions concerning interpretation or clarification of the Contract Documents to the Engineer utilizing a Request for Information (RFI) form.
Any RFI's not properly completed will not be processed and returned to the Contractor for re-submittal. Questions must be clearly stated on the RFI form only.
The Engineer will require 48 hours minimum to provide a response to an RFI.

15. PROJECT MEETINGS.
The Engineer as required throughout the duration of the Project shall determine project meetings between the Contractor and Engineer. Contractor shall assume one meeting per week. Contractor shall provide meeting minutes after each meeting to all attendees.

16. SOUND CONTROL.
Sound control shall conform to the provisions in Section 7-1.01I, "Sound Control Requirements," of City Standard Specification and these Special Provisions.
Said noise level requirement shall apply to all equipment on the job or related to the job, including but not limited to trucks, transit mixers or transient equipment that may or may not be owned by the Contractor. The use of loud sound signals shall be avoided in favor of light warnings except those required by safety laws for the protection of personnel.

17. UTILITY COORDINATION.
The Contractor shall to contact utility companies (a minimum of 48 hours in advance) to verify the location of their facilities to prevent damage. No excavation shall be permitted until after USA or respective utilities owners have located and identified their facilities within the project limits. The Contractor will need to work closely with all utilities. The Contractor must allow the utility companies to rewrap their utilities if required by utility companies. It will be necessary for the Contractor to notify the various representatives for each utility of the ongoing construction schedule. All utilities must be supported by Contractor when a trench is opened. The Contractor's attention is directed to the requirements of Section 7-1.11, "Preservation of Property," and Section 8-1.10 "Utility and Non-Highway Facilities," of the Caltrans Standard Specifications and these Special Provisions. Underground Service Alert shall be notified by the Contractor by telephone at least 48 hours prior to any underground excavation.

18. EXISTING FACILITIES.
The work performed in connection with various existing facilities shall conform to the provisions in Section 15, Existing Facilities, of the City Standard Specification and these Special Provisions.

19. RESET AND REFURBISH EXISTING FACILITIES.
Existing items as shown on plans to be reset (i.e. street lights, elect. box, etc.) will be moved to the laydown area by the Contractor during the construction period. Before resetting these items back in place, the Contractor will clean and refurbish each item.

20. DEMOLITION.
All deleterious material shall be removed and cleared from the site. The Contractor shall visit the site and satisfy himself as to the exact extent of this portion of the work. Also, see Section 15, "Existing Facilities", and Section 16, "Clearing and Grubbing", of the City Standard Specifications.
A.C. paving, aggregate base, shall be completely removed from the project site as shown on the plans. The Contractor shall sawcut the asphalt concrete for removal as shown on the plans. The Contractor's lump sum bid item shall include all work necessary to demolish, excavate and remove all materials as down to subgrade.

21. REMOVE ASPHALT CONCRETE SURFACING AND BASE.
Existing asphalt concrete pavement shown on the plans to be removed, shall be removed, including base material and any excess or unsuitable material, necessary to reach the subgrade elevation indicated on the plans. At the limits of the removal, the asphalt concrete pavement shall be sawcut to its full depth to produce a neat, straight surface in the pavement to remain in place. The material removed shall be disposed of outside the project limits in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Project Limits," of the City Standard Specifications.

22. REMOVE CONCRETE.
All existing concrete shown on the plans to be removed and disposed of including curbs, gutters, concrete sidewalk and all existing aggregate base material associated with these structures, shall be removed and disposed of in accordance with Section 15-3, Removing Concrete, and Section 7-1.13, Disposal of material Outside the Project Limits, of the City Standard Specifications and these Provisions. Where a portion of existing surfacing is to be "Removed," the outline of the area to be removed shall be sawcut with a neat line and a power-driven saw through the entire pavement section before removing the surfacing. Remove Concrete shall include furnishing saw cutting, all labor, materials, tools, equipment and incidentals, and doing all the work involved in removing concrete as shown on the plans, as specified in the City Standard Specifications, and as directed by the Engineer.

23. REMOVE EXISTING FACILITIES.
Other existing facilities shown to be removed on the plans, or required to be removed in order to complete the work; shall be removed in accordance with Section 15, "Existing Facilities," and Section 7-1.13 "Disposal of Material Outside the Project Limits", of the City Standard Specifications and these provisions. All existing facilities to be removed shall become property of the Contractor (unless otherwise specified on the plans and or these Provisions), and shall be disposed of at the Contractor's expense. Any damage to other existing facilities caused by these operations, shall be repaired or replaced at the Contract's expense and as directed by the Engineer. The Contractor is advised that utilities shown on the drawings have been obtained from available record information. Underground and overhead facilities exist that may not be shown on the plans. The Contractor shall be fully responsible for any damage done to any existing facilities or utilities resulting from his operations. The Contractor shall make attempts to work around an obstructing utility so that relocation will not be required. Existing facilities shall not be removed until their use is no longer required, as directed by the Engineer. The Contractor shall notify the Engineer in advance of any existing facility removal.

24. SALVAGE EXISTING FACILITIES.
The materials to be salvaged shall be cleaned, tagged and delivered to the City of San Jose Mabury Yard at 1404 Mabury Road. The Contractor shall notify the Engineer 72 hours prior to hauling salvaged materials to the City of San Jose. Facilities shall not be removed until their use is no longer required as determined by the Engineer.

25. RELOCATE EXISTING FACILITIES.
The Contractor shall remove the existing signs located in conflict with the construction, salvage them, and reinstall them in their permanent locations at the conclusion of construction. The Contractor shall be responsible for relocating the existing facilities such as utility lines and boxes to new locations if required.
The work described above shall include furnishing all labor, materials, tools, and equipment necessary to complete the work.

26. WATER POLLUTION CONTROL PLAN
The Contractor shall implement and maintain a Water Pollution Control Plan for the project which shall implement best management practices. The water pollution control plan shall include:
A. Prohibit illicit discharge (non-rain water) into the storm drainage system.
B. Construct any and all necessary systems to eliminate contaminants from entering the storm water system.
C. Clean up and control of work site materials, spoils and debris.
D. Removal of contaminants produced by equipment used for the construction of the project.
E. The work shall include the provision of all labor, materials, equipment and apparatus not specifically mentioned herein or noted on the plans, but which are incidental and necessary to complete the work specified.
F. Submit a plan for review and approval.

27. PROTECTION OF EXISTING TREES
Maintenance: Throughout the life of the construction project, the General Contractor shall be responsible for watering, fertilizing, pruning, and other measures necessary to protect all existing trees. Protection of existing trees: All trees to remain on site shall be protected from all trades working on the job, and it shall be the General Contractor's responsibility to insure that all Subcontractors are aware of and held responsible for any damage to existing trees.

28. TRAFFIC CONTROL.
Attention is directed to Section 7-1.08, "Public Convenience", Section 7-1.09, "Public Safety", and Section 12, "Construction Area Traffic Control Devices", of the City Standard Specifications and these Special Provisions. All traffic control shall be under the direction of and coordinated with the Engineer. Construction shall be organized so as to cause the least possible inconvenience to traffic. The Contractor shall provide all required signs, barricades, lights, high level flagtrees, flagmen, and devices at his own expense. General Requirements:
28-1. Contractor shall conform to the construction approved traffic handling plan.

28-2. The Contractor shall maintain pedestrian access at all times.
28-3. No equipment shall be allowed to be parked within any traffic lanes or sidewalks after work hours.
28-4. The Contractor shall provide traffic control by Reserve Police at all signalized intersections. The Contractor shall schedule police at least 14 days in advance, (408) 277-4963.
28-5 The Contractor shall notify City of San Jose Communications of any detours and street closures, (408) 277-4341.
28-6. Prior to construction, obstructing bus stop, the Contractor shall notify Santa Clara County Transit 48 hours in advance at (408) 321-7005.
28-7. The Contractor shall be responsible for informing the public of traffic conditions existing within the construction area at all times by placement of appropriate warning and advisory signs.
28-8. The Contractor shall provide and maintain all traffic control and safety items. The Contractor assumes sole and complete responsibility for the job and site conditions during the course of construction, including safety of all persons and property. This requirement shall apply continuously 24 hours/day and shall not be limited to normal work hours. Contractor shall provide a 24-hour telephone number number for traffic control repairs.
28-9. Upon completion of all work requiring use of lane closures, the Contractor shall remove all signs, barricades, and markers and shall return the roadway and roadside areas to a condition equal to that which existed prior to construction.
28-10. Prior to each of stage construction, Contractor shall submit a traffic handling plan in 24'x36' format. The traffic handling plan will show temporary striping, temporary signage, channelizers, barricades, flashers, flagtrees, and crosswalks. The traffic handling plan will label all lines with dimensions and device types. The traffic handling plan will be submitted 2 weeks prior to beginning of each stage.
28-11. All trench excavations shall be backfilled or steel plated at the end of each work day, when working in an intersection, sidewalk, or traffic lane. A 2" temporary A.C. surface shall be installed on backfilled trenches. Contractor shall maintain temporary A.C. surface to provide safe and comfortable passage over or along same, for pedestrian and public vehicular traffic to the satisfaction of the Inspector in the field. In sidewalk areas, 3/4" plywood may be substituted for steel trench plates.
28-12. Any excavation permitted to be left open shall be barricaded with Type II and Type III barricades with flashers. "OPEN TRENCH" signs shall be posted at 30' O.C. A minimum of 15 Type III barricades shall be available for diverting traffic and barricading trenches. See "Securing Open Trench Detail "A" or "B" for K-railing and Chain Link Fencing".

28-13. All open excavated areas shall be barricaded with at least two Type III barricades at the end of the excavation that faces oncoming traffic. The longitudinal edge of pavement excavation shall be delineated with Type II barricades spaced 12' O.C. Attach "OPEN TRENCH" signs to barricades.
28-14. Spillage resulting from hauling operations along or across any public traveled way shall be removed immediately by the Contractor.
28-15. The Contractor shall leave the project site in a neat, clean, and presentable state at the close of every work day.
28-16. If material from the trench excavation spills onto the roadway, the roadway area shall be swept and washed with water to provide a safe and dust free surface before the lane is re-opened.
28-17. All personnel occupying the roadway or sidewalk shall be required to wear approved safety vests with protective coloration.

28-18. Should the Contractor fail, be neglectful, or be negligent in furnishing and/or maintaining the required warning and protective facilities, the City may furnish and/or maintain these facilities. The City shall charge the Contractor the cost for providing the required warning and protective facilities by deducting this cost from the periodic progress payments due the Contractor as these costs are incurred by the City.

28-19. Personal vehicles of the Contractor's employees shall not be parked on the traveled way or shoulders at any time. When entering or leaving roadways carrying public traffic, the Contractor's equipment, whether empty or loaded, shall in all cases yield to public traffic and shall travel in the direction of the traffic.

29. AGGREGATE BASES.
Aggregate base course for P.C.C. paving shall be Class 3, 3/4 inch maximum as per Section 26, "Aggregate Bases", of the City Standard Specifications. Subgrade preparation shall be performed on all areas to receive aggregate base as per Section 21, "Subgrade Preparation", of the City Standard Specifications. Spreading and compacting aggregate base courses shall be as specified in Section 26, "Aggregate Bases", of the City Standard Specifications.

30. ASPHALT CONCRETE.
All work performed under this section shall be performed as specified in the City of San Jose, Department of Public Works, Standard Specifications, July 1992 edition; the City of San Jose, Department of Public Works, Standard Details, July 1992 edition; and all pertinent codes and regulations The work to be done under this section shall consist of furnishing all labor, materials, and equipment and performing all work necessary to install A.C. paving improvements as indicated on the Plans and these Specifications including, but not necessarily limited to:
A. Asphalt base course
B. Asphalt surface course
C. All prime, tack, and seal coats
D. Related work described as per applicable section of these Specifications:
Section 10-3, Earthwork

30-1. QUALITY ASSURANCE:
Qualifications of Workmen:
Provide at least one person who shall be thoroughly trained and experienced in the skills required, who shall be completely familiar with the design and application of the work described for this Section, and who shall be present at all times during progress of the work of this Section and shall direct all work performed under this Section. For actual finishing of asphaltic concrete surfaces and operation of the required equipment, use only personnel thoroughly trained and experienced in the skills required.

30-2. DEFINITIONS:
A. Asphalt Surface Course: The top layer or lift of asphaltic concrete pavement.
B. Asphalt Base Course: The lift or lifts of asphaltic concrete pavement constructed on the aggregate base course or prepared subgrade and upon which the asphalt surface course is constructed. It shall not be the top lift of an asphalt pavement.
C. Aggregate Base Course: The layer of aggregate base constructed on a prepared subgrade and upon which asphaltic concrete is constructed.
D. Subgrade: The prepared soil upon which the pavement section as shown on the drawings is constructed. It is the foundation for the pavement structure.

30-3. SUBMITTALS:
Within 5 days after award of contract, but before any asphalt pavement is installed, the Contractor shall submit to the Engineer for his approval, in accordance with Section 10-1.11, "Submittals and Shop Drawings", of these Specifications, the proposed mix design for each type of asphaltic concrete specified. The mix design shall include mix number, gradation and source of aggregate, percentage and type of asphalt binder used, bin quantities, and supplier.

30-4. PRODUCT HANDLING: Use all means necessary to protect asphaltic concrete pavement materials before, during, and after installation and to protect the installed work and materials of all other trades. In the event of damage, immediately make all repairs and replacements necessary to the approval of the Engineer and at no additional cost to the Owner. To implement dust control, use all means necessary to prevent the spread of dust during performance of the Work of this Section. Thoroughly moisten all surfaces as required to prevent dust being a nuisance to the public, neighbors, and concurrent performance of other work on the job site.
30-6. MATERIALS:
Aggregate Base: All aggregate base shall be Class 3 and shall conform to Section 26, "Aggregate Bases", of the City Standard Specifications.
Asphalt Base Course: All asphalt base course shall be Type "A", 3/4 inch maximum size aggregate, coarse gradation asphalt concrete as specified in Section 39, "Asphalt Concrete", of the City Standard Specifications and these special provisions.
Asphalt Surface Course: All asphalt surface course shall be Type "A", 3/4 inch maximum size aggregate, medium gradation asphalt concrete as specified in Section 39, "Asphalt Concrete", of the City Standard Specifications.
Revise Section 39 of the City Standard Specifications as follows:
Section 39-2.02: Aggregate
In Chart at the bottom of page 39-3, delete "2-5 percent voids for both Type A and Type B Asphalt Concrete" and replace with "3-6 percent voids for both Type A and Type B Asphalt Concrete." Delete the paragraph (p. 39-3) beginning with "The combined aggregate shall conform..." Insert the following paragraph in its place, "The combined aggregate shall conform to the Caltrans Standard Specifications except the results of the Los Angeles Rattler test, loss at 500 revolutions, shall be a maximum of 40 percent for Type A and B asphalt concrete. The combined aggregate fine and coarse durability index of Type A and B asphalt concrete shall be 45 minimum as tested by Cal Test 229.
At the end of section 39-2.02, add the following paragraph: "The air void content shall be determined in accordance with ASTM D3203. The bulk specific gravity and density of the compacted mixture shall be determined per Cal Test 308 on specimens fabricated in accordance with Cal Test 304 Part II. The maximum theoretical density shall be determined per ASTM D2041."Section 39-2.02A: Job Mix Formula Amend first sentence of the first paragraph, p. 39-4, by deleting the word "Engineer" and replacing with "Contractor and submitted to the Engineer."
30-7. EXECUTION: of
Inspection: Prior to all Work of this Section, carefully inspect the installed work of all other trades, and verify that all such work is complete to the point where this installation may properly commence.
Verify that asphaltic concrete pavement may be installed in strict accordance with the original design, all pertinent codes and regulations, and all pertinent portions of the referenced standards.
Discrepancies: In the event of discrepancy, immediately notify the Engineer. Do not proceed with installation in areas of discrepancy until all such discrepancies have been fully resolved.
Notification: Notify the Engineer at least 48 hours before commencing with any phase of the work.
30-8. EQUIPMENT:
All equipment furnished for the hauling, spreading, compaction, and spraying of asphalt concrete mixes, asphalt coatings, and aggregate base courses shall be as specified in Section 26, "Aggregate Bases", and Section 39, "Asphalt Concrete", of the City Standard Specifications and shall be subject to the approval of the Engineer.
30-9. SUBGRADE:
All subgrade shall be Class "A" as specified in Section 21, "Subgrade Preparation", of the City Standard Specifications, except the subgrade under sidewalks shall be compacted to 90% relative compaction.
30-10. PLACEMENT OF PRIME COAT:
All aggregate base or subgrade shall have been completely tested and approved by the Engineer prior to placement of any prime coat. Apply prime coat to the prepared aggregate base or subgrade in accordance with Section 39-4.02 of the Caltrans Standard Specifications.
30-11. INSTALLATION OF ASPHALT PAVING:
Construct the asphalt base course(s) and the asphalt surface course as specified in Section 39, "Asphalt Concrete", of the City Standard Specifications. The minimum relative compaction of all asphalt pavement shall be 98 percent. Tack coat, as specified below, shall be applied between all lifts of asphalt paving. The completed pavement surface shall be smooth, dense, and uniform in texture and appearance. The surface shall be free of ridges, indentations, embedded segregated aggregate, and cracking. The pavement shall be free draining and free of all "birdbaths."
30-12. TACK COAT:
Apply the specified asphaltic emulsion tack coat between lifts or course of asphalt paving in accordance with Section 94, "Asphaltic Emulsions", of the City Standard Specifications. Tack coats shall be applied at the rate of 0.1 gallons per square yard in accordance with Section 94, "Asphaltic Emulsions", of the City Standard Specifications.
30-13. FOG SEAL:
Fog seal shall be applied at the rate of 0.2 gallons per square yard in accordance with Section 37-3, "Fog Seal Coat", and Section 94, "Asphaltic Emulsions", of the City Standard Specifications.10-9.3.8
30-14. FINISH TOLERANCES:
Finish all surfaces to the following tolerances: Aggregate Base Course: Plus 0.00 feet to minus 0.05 feet from line and grade shown on the Drawings. Asphaltic Paving: Plus or minus 0.02 feet at any point from line and grade shown on the Drawings.
30-15. REMEDIAL MEASURES:
Upon direction of the Engineer, cut out and/or rework all surfaces and subgrade areas which do not meet the requirements of this Section; perform all remedial measures at no additional cost to the Owner.
30-16. WEATHER CONDITIONS:
Refer to Section 39-6.01 of the City of San Jose Standard Specifications.

31. EARTHWORK.
31-1. EARTHWORK:
Earthwork shall conform to Section 19, "Earthwork" and Section 21, "Subgrade Preparation" of the City Standard Specifications and these Special Provisions. This work shall consist of performing all operations necessary to excavate all materials, regardless of character and subsurface conditions, from the roadway prism or adjacent thereto; to excavate all materials, of whatever nature, to excavate selected material from the roadway and borrow material for use as specified; to place backfill for pipes, and other facilities; to backfill trenches and depressions resulting from the removal of obstructions; to backfill holes, pits and other depressions within the roadway area; to apply water; to prepare basement material for the placing of other material thereon; all as shown on the plans and as specified in the Standard Specifications and the special provisions, and as directed by the Engineer; and furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work that may be required to construct and maintain the roadway facilities.

31-2. MATERIALS: Earthwork shall include importing and exporting soil as needed to balance the site.

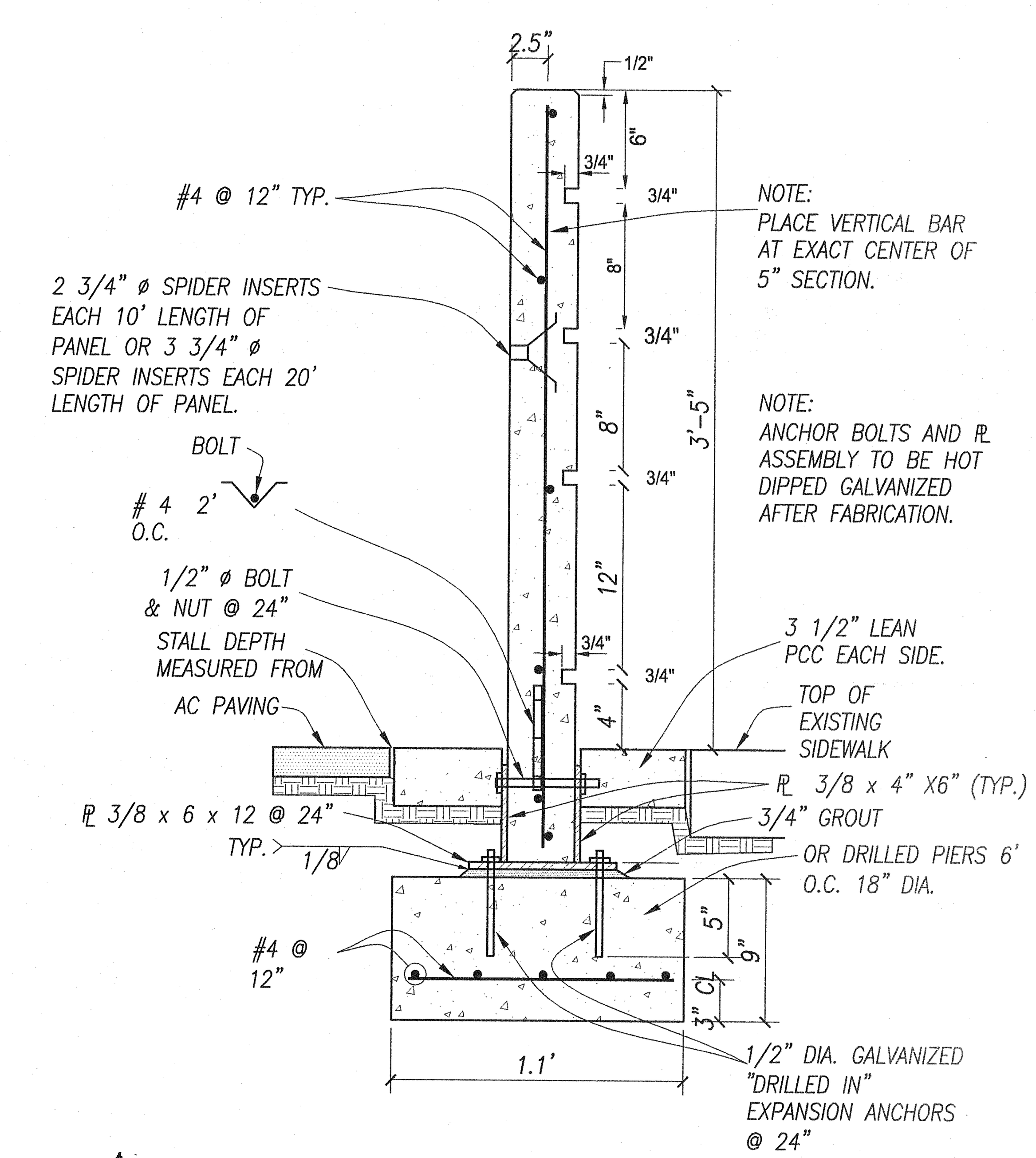
31-2.01: The Contractor shall be responsible for meeting the finish grades as shown on the plans, and the new pavement areas. Surplus excavated material shall become the property of the Contractor and shall be disposed of outside the project limits in accordance with the provisions in Section 7-1.13 of the City Standard Specifications.

31-3. CONSTRUCTION METHODS:

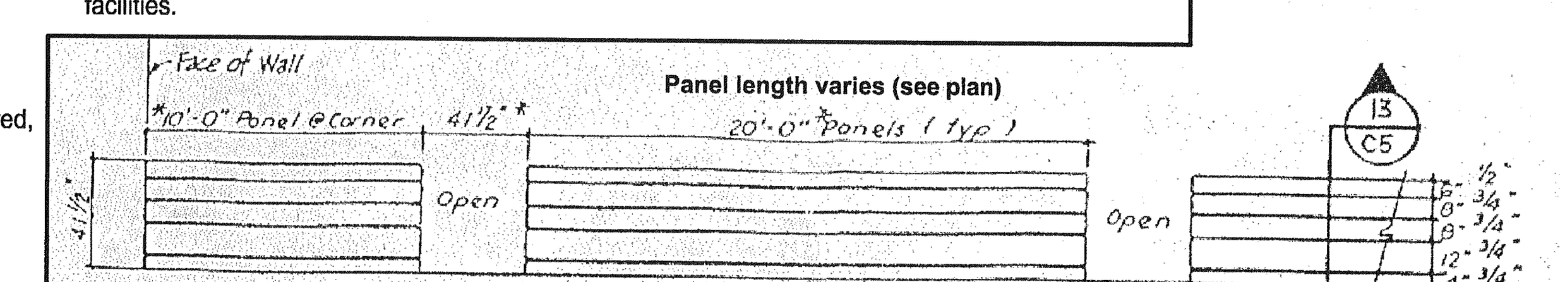
31-3.01: Where applicable, material shall be placed in 6-inch maximum layers, shaped and compacted to a density of 90%. Grades shall be formed with gently sloping sides and crowns and smoothed even transitions at the bases. No abrupt changes in slope or contour will be accepted. Contractor shall take special care to feather or taper graded areas to match grade at edge of existing curbs or pavement.
31-3.02: When the Contractor indicates that site grading is complete and conforming to the plans, City Surveyors may verify the grades. Any discrepancies with the grading plan must be corrected by the Contractor.
31-3.03: Engineer shall approve finish grades prior to removal of earth moving equipment from project site and prior to paving and planting operations.
31-3.04: Any excavated trenches deeper than two (2) feet deep shall be backfilled at the end of each day. All other trenches less than two (2) feet deep shall be adequately barricaded at the end of each day to the satisfaction of the Engineer.

31-3.05 Earthwork shall conform to City Standard Specification, 95% compaction. Contractor shall submit a letter from a California Licensed Geotechnical Engineer certifying 95% compaction.

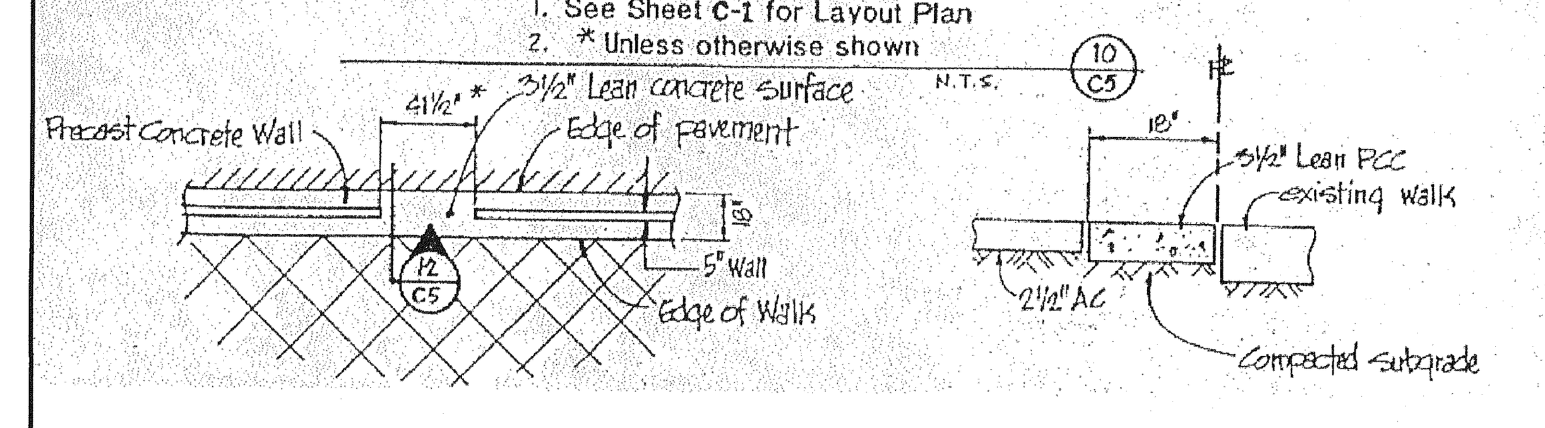
32. CONSTRUCTING PRECAST CONCRETE SCREEN WALL.
Precast concrete screen wall shall conform to the details shown on the plans, the provisions in Sections 19, "Earthwork," 51, "Concrete Structures," 52, "Reinforcement," 75, "Miscellaneous Metal," and 90, "Portland Cement Concrete," of the City Standard Specifications, and these special provisions.
The precast concrete panels shall be cured in conformance with the provisions in Section 90-7.04, "Curing Precast Concrete Members," of the State Standard Specifications, June 1999 edition or, at the option of the Contractor, the precast concrete panels may be cured with a curing compound conforming to the requirements in ASTM Designation: C 309 Type 1, Class B. Panels shall be full height without horizontal construction joints in the completed work. Panels shall be structurally monolithic and each surface finish shall be of uniform color and \ texture. Screen wall layout shown in plan is for bidding purposes only. Contractor will walk site with SJRA to layout wall location and openings as first order of work. Shop drawings shall be submitted for approval. Shop drawings shall include manufacturer information, fabrication and installation of steel reinforcement indicating component details, material specifications, forms, finishes, and connecting and joining methods.



CONCRETE SCREEN WALL
N.T.S.
SJRA STANDARD DETAIL



PRECAST CONCRETE WALL ELEVATION
1. See Sheet C-1 for Layout Plan
2. * Unless otherwise shown



NOTE:
FOR ALL CONCRETE WORK REFER TO SECTION 40 OF THE SAN JOSE CITY STANDARD SPECIFICATIONS "PORTLAND CEMENT CONCRETE PAVEMENT"

REGISTERED PROFESSIONAL ENGINEER
DANIEL C. LEARY
No. 48394
EXP. 6-30-08
CIVIL
STATE OF CALIFORNIA

OCTOBER 2006

PERIMETER WALL AND ELECTRICAL IMPROVEMENTS AT BALBACH STREET & VIOLA AVENUE ABBREVIATIONS, NOTES AND LEGEND

	REVISIONS	DESIGN BY	DESIGN DATE	CITY APPR.	APPR. DATE

BELLECCI & ASSOCIATES, INC.
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WILLIAM EKERN
DIVISION MANAGER FOR PROJECT MANAGEMENT
SAN JOSE REDEVELOPMENT AGENCY

SHEET C-2

JOB NO. 06007